

AMENDMENTS TO THE SPECIFICATION:

Please replace the Title of the Invention with the following Title:

High Stability Microscope

Please replace paragraph [0033] with the following amended paragraph:

[0033] As can be seen from Fig. 2, a supporting cell 36 is located between the two legs 30.1 and 30.2 of the stand 30 and is rigidly but exchangeably fastened by suitable fastening means 9 to projections 37 of the middle part 30.3 of the stand 30 in the same way as in the microscope according to Fig. 1. In order to prevent or extensively limit vibrations and/or shocks caused by external forces or by internal drives arranged in the stand 30, springing and/or damping intermediate layers (not shown in Fig. 2) can be provided between the contact surfaces of the projections 37 of the stand 30 and the supporting cell 36. The supporting cell 36 as a guide plate 38 in operative connection with guide elements 39 of a holder 42 supporting an objective turret 40 with objectives 41. The displacement directions of the holder 42 supporting the objective turret 40 in direction of the optical axis 44 relative to the stage 45 of the inverted microscope, which stage 45 is likewise arranged at the supporting cell 36, are indicated by the double-arrow 43. The objective 42 is focused on the object 19 located on the stage 45 by means of this adjustment of the objective 41 relative to the stage 45. This stage 45 is mounted rigidly or, for purposes of possible stage focusing, so as to be adjustable in direction of the optical axis 44 (indicated by the double-arrow 46) in guides 36.1 and 36.2 of the supporting cell 36.